

WHAT IS CLAIMED IS:

1. A method for modulating physiology or development of a cell expressing a receptor for a TECK polypeptide comprising the amino acid sequence set forth in Gln1 to Leu127 of SEQ ID NO: 4, comprising contacting the cell with an agonist or an antagonist of the polypeptide.
2. The method of Claim 1 wherein the cell is a macrophage.
3. The method of Claim 1 wherein the cell is a thymocyte.
4. The method of Claim 1 wherein the cell is a dendritic cell.
5. The method of Claim 1 wherein the cell is a monocytic THP-1 cell activated with IFN-gamma.
6. The method of Claim 1 wherein the cell is a MHC class II+ CD11c+ thymic dendritic cell.
7. The method of Claim 1 wherein the physiology is a cellular calcium flux.
8. The method of Claim 1 wherein the physiology is a chemoattractant response.
9. The method of Claim 1 wherein the physiology is a cellular morphology modification response.
10. The method of Claim 1 wherein the physiology is a phosphoinositide lipid turnover response.
11. The method of Claim 1 wherein the physiology is an antiviral response.

12. The method of Claim 1 wherein the physiology is an immunological response.

13. The method of Claim 1 wherein the physiology
5 is an inflammatory response.

14. The method of Claim 13 wherein the inflammatory response is in thymus.

10 15. The method of Claim 13 wherein the inflammatory response is in colon.

16. The method of Claim 13 wherein the inflammatory response is in small intestine.
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17. The method of Claim 13 wherein the inflammatory response is gastrointestinal inflammation.

18. The method of Claim 17 wherein the
20 gastrointestinal inflammation is Crohn's disease.

19. The method of Claim 17 wherein the gastrointestinal inflammation is inflammatory bowel disease.
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20. The method of Claim 1 wherein the agonist is the TECK polypeptide.

21. The method of Claim 1 wherein the agonist or
30 the antagonist is a binding composition that specifically binds to the TECK polypeptide.

22. The method of Claim 21 wherein the binding composition is conjugated to a chemical moiety.
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23. The method of Claim 21 wherein the binding composition is a Fv fragment.

24. The method of Claim 21 wherein the binding composition is a Fab fragment.

25. The method of Claim 21 wherein the binding
5 composition is a Fab2 fragment.

26. The method of Claim 21 wherein the binding composition is a monoclonal antibody.

10 27. The method of Claim 21 wherein the binding composition is a polyclonal antibody.

28. The method of Claim 21 wherein the binding composition exhibits a K_d greater than 300 μM to the
15 TECK polypeptide.

29. The method of Claim 21 wherein the binding composition exhibits a K_d greater than 30 μM to the TECK polypeptide.
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30. The method of Claim 21 wherein the binding composition exhibits a K_d greater than 10 μM to the TECK polypeptide.

25 31. The method of Claim 21 wherein the binding composition exhibits a K_d greater than 3 μM to the TECK polypeptide.

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